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COMPARATIVE COSTS OF CONSTRUCTING
HYDROELECTRIC POWER PLANTS IN 1950

The following chart shows comparative costs of constructing hydroelectric power plants in Yugoslavia in 1950.

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Comparative costs of constructing hydroelectric power plants in Yugoslavia in 1950
(Prepared by Engr Alexander Jurisic)

Republic	Installations	Earth Work							Construction Work											Standard workhours per 10 ⁶ dinars			
		Excavating Earth	Excavating for walls	Underground			Excavating		Filling-in dam	Tunnels			Machinery Buildings		Dams		Canals		Masonry with cement mortar *		*on in rein- ** ced concrete		
				Tunnels	Pressure pipes	Machinery Buildings	Caissons	Large Pumps		Shell concreting	Floor square concreting	Delivered stone	Concrete	Delivered stone	Concrete	Delivered stone	Concrete	Stone *					
Serbia	Zvornik	178	394				4370	3780								2710 ¹							10380
	Vrla 1	133	408	2250	4850	1800				3960		4200	3220					12000	1087		37.1	19650	
	Vrla 2	143	387	1700						3680		6830										19650	
	Ovcar Banja	160	486	950		963	3709			3520			2370		2500	22000	1876	473		29.7	19250		
	Meduvrsje	876 ²	284	1500		1185				2220			2085		2470							16200	
	Ras	53	333	1755		2060				5410	5370		3730									13650	
	Seljasnica	118	455		374 ³								1700				3320				37.2		
Croatia	Vinodol	217	332	1845	3050	1075				2685	4750		2080						148	26.5	15100		
Slovenia	Vuzenica	150	573										1460		1460	1465 ⁴						7600	
	Hoste	185	590	2120		1055				1555			1455		1247	1270 ⁵						10730	
	Kedrode	460	500										1380		1500			568	60	27.3	9300		
Bosnia Herzegovina	Jablanica		530	1103		1000 ⁶				2400			2235		1650 ⁵		976		218	29.2	10220		
	Jajce II	225		947		1000				1980			2760									19600	
Macedonia	Mavrovo	400	990	1865	3680	2190			98	4510	6540	4300	3050									15700	
	Dosnica	115	282	3360						2900		1820										13900	
	Pesocani	276	557	2030						3186			3000	1930	1930	16200	2320		282	37.0	10700		
Monte- negro	Glava Zete	145		1390		880				2238			3130		1850							12900	
	Slap Zete	166	333										3740	2380					205	53.0	10400		
	Rijeka Masovic	198	724		675					6250 ⁶			2870		2510			364	216			17000	

All costs are in dinars per cubic meter, except the following: *cost per square meter; **cost per kilogram.
1. Concrete fill. 2. For water-filled dam. 3. Open excavation. 4. Central part. 5. Auxiliary dam.
6. Dinars per square meter. 7. With concrete reinforcing iron.

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